

# High School to College and Career Pathway: Post-Secondary

Area of Study: Health Science & Technology

Pathway: Biotechnology

Region: Wasatch Front	District:	School:	<b>College/Institution: Salt Lake Community College</b> Articulation Agreement in place? Yes <b>Name of Degree or Certificate: Biotechnology Associate of Applied Science Degree (71 hours required)</b>
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High School				College		
Course Number	High School Suggested Academic Courses	H.S. Credit	College Credits	Course Number	College General Education Requirements	College Credits
	ENGL 1010*	1	3 →	ENGL 1010	Introduction to Writing	3
	MATH 1010*	1	4 →	MATH 1010	Intermediate Algebra	4
	COMM 1010*	1	3 →	COMM 1010	Elements of Effective Communication	3
				LE 1220	Human Relations/Career Development	3
	Course from 1 area: FineArts, Humanities, Interdiscip, SocSci*	1	3 →		Course from 1 area: FineArts, Humanities, Interdisciplinary, SocSci	3

**Note:** This is a regional agreement. Some classes and some concurrent enrollment agreements may not be available in your particular high school. See your individual school for specific program offering. **Note:** \*= concurrent ^= distant

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Course CIP #	CTE Pathway Courses (credits for completion)	H.S. Credit	College Credits	Course #	College Major Course Requirements	College Credits
<b>Course#</b>	<b>Introductory Course: (preferred)</b>	<b>Credit</b>				
51.1105	Health Science, Introduction	.50				
<b>Course#</b>	<b>Foundation Courses: (required)</b>	<b>Credit</b>				
51.1099	Biotechnology (Intro Hlth Med Lab Tech)*	1.00	3 ⇨	BTEC 1010	Fundamentals/Biotechnology I	3
<b>Course #</b>	<b>Elective Courses:</b>	<b>Credit</b>				
51.1315	Medical Anatomy & Physiology	1.00				
51.1315	Medical Terminology	.50				
51.1316	Health Sci, Advanced (capstone course)	1.00				
32.0199	Student Internship (Critical Wkplace Skills)	.50				
	<b>Additional Articulated Classes Below</b>					
	BIOL 1210, 1215 (on campus current only)*	1	4	BIOL 1210,1215	General Biology & Lab	4
	BIOL 2020, 2025(on campus current only)*	1	4	BIOL 2020,2025	Cell Biology & Lab	4
	BIOL 2030, 2035(on campus current only)*	1	4	BIOL 2030,2035	Genetics & Lab	4
	BIOL 2060, 2065(on campus current only)*	1	4	BIOL 2060,2065	Microbiology & Lab	4
	CHEM 1110*	1	4 ⇨	CHEM 1110	Elementary Chemistry	4
	CHEM 1115*		1 ⇨	CHEM 1115	Elementary Chemistry Lab	1
	BTEC 1020 Invitation Academy Only*	.5	3	BTEC 1020	Fundamentals/Biotechnology II	3
	BTEC 1030 (On Campus Current Only)*	.5	2	BTEC 1030	Biotechnology Seminar I	2
	BTEC 1060 (On Campus Current Only)*	.5	2	BTEC 1060	Nucleic Acid/Protein Biotech	2
	BTEC 2010 (On Campus Current Only)*	1	4	BTEC 2010	DNA Manipulation/Analysis	4
	BTEC 2020 (On Campus Current Only)*	1	4	BTEC 2020	Protein Separation/Analysis	4
	BTEC 2030 (On Campus Current Only)*	.5	3	BTEC 2030	Cell Culture Techniques	3
	BTEC 2040 (On Campus Current Only)*	1	4	BTEC 2040	Advanced lab Techniques	4
	BTEC 2050 (On Campus Current Only)*	.5	2	BTEC 2050	Bioinformatics	2
	BTEC 2100 (On Campus Current Only)*	1	7	BTEC 2100	Biotechnology Internship	7
<b>TOTAL Potential Credits Earned in High School</b>			<b>68</b>	<b>TOTAL Credits Required for Degree or Certificate</b>		<b>71</b>

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